

INSTALL INSTRUCTIONS



JEEP YJ ROLL CAGE

300152-2-KIT

KIT CONTENTS



TUBE IDENTIFICATION

- 300102-2 Driver A to B pillar (Qty: 1)
- 300103-2 Passenger A to B pillar (Qty: 1)
- 300104-2 Windshield tube (Qty: 1)
- 300105-2 Roof tube (Qty: 2)
- 300106-2 Dash tube (Qty: 1)
- 300107-2 A pillar (Qty: 2)



RECOMMENDED TOOLS

Welder
Welding Brackets
Socket Set
Wrench Set
Angle Grinder
Rubber Mallet
Ratchet Straps

CAUTION

1. Read all instructions completely and carefully before you begin.
2. Check to make sure the kit is complete and that no parts are missing (refer to the Kit Contents List on the first page of these instructions). If anything is missing, please contact Trail-Gear at 559.252.4950.
3. Park vehicle on a clean, dry, flat, level surface and block the tires so the vehicle can not roll in either direction.

INSTALL INSTRUCTIONS (CONT'D.)



STEP 1

IMPORTANT: Before fully welding any part of the cage make sure all pieces of the cage are tack welded in place and are aligned properly. To prevent spatter from damaging the vehicle welding blankets should also be used.

STEP 2

Remove top.

STEP 3

Remove OEM tube from roll bar to windshield frame.

STEP 4

Remove the bottom bolt in the lower windshield mounting brackets as the 300107-2 tube of the TG cage will interfere with this.

STEP 5

Install windshield plates using provided hardware



STEP 6

Center the footplate under the tube (part #300107-2) and tack weld in place.



INSTALL INSTRUCTIONS (CONT'D.)



STEP 7

Align 300103-2 tube and 300107-2 as shown.



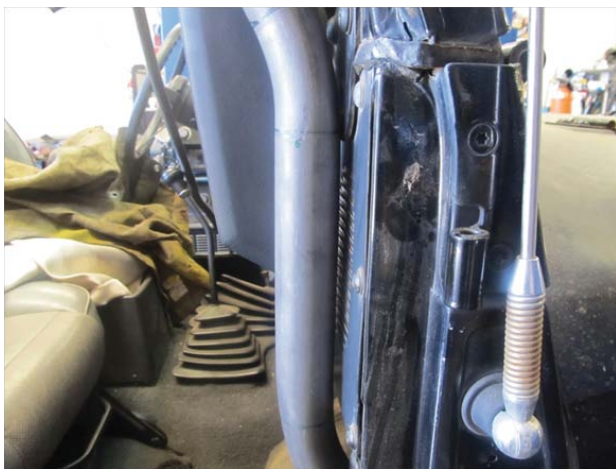
STEP 8

300107-2 should be placed in between the 2 bolts remaining in the lower windshield bracket. There should be enough room for a Torx bit or socket to remove these when lowering the windshield. The 300107-2 tube should be parallel with dash and just touching the lower windshield bracket as shown.



STEP 8 CONTINUED

The 300107-2 tube should be parallel with dash and just touching the lower windshield bracket as shown.



STEP 9

To locate the rear of the 300103-2 tube and 300102-2 tube, you should measure 23 7/8ths from the body tub to the bottom of the tube as shown.



INSTALL INSTRUCTIONS (CONT'D.)



STEP 10

Once the tubes have placed been they can be tack welded into position. Tack weld the 300107-2 and 300103-2 tube to the windshield plate and OEM roll bar. Tack weld the 300107-2 and 300103-2 tube.

STEP 11

Now the holes for the 3/8ths hardware may be drilled in the floor using the footplate as a template. Install backing plate and hardware to keep A pillar from moving.

STEP 12

Next install the opposite side 300102-2 tube, 300107-2 tube, foot plate and 300106-2 tube. Ratchet straps may be used to help hold everything in place.



STEP 13

The ideal placement for the 300106-2 tube is $\frac{1}{2}$ above the highest portion of the dash. Make sure the 300106-2 tube is square with 300107-2 tube. Tack weld these tubes and foot plate in place.

STEP 14

Loosely place the 300104-2 tube in position again securing with ratchet straps. The notch of this tube is at a slight angle, if one side of the notch fits tight and there is a large gap on the other side, you will most likely have to rotate the tube 180 degrees.

STEP 15

Install the 300105-2 tubes as shown making sure they are square.



INSTALL INSTRUCTIONS (CONT'D.)



STEP 16

The 300105-2 tubes should be approximately 22 inches center to center from the 300103-2 tube when measured along the 300104-2 tubes. Once roof spreaders are placed make sure the windshield bar is square with A to B pillars.



STEP 18

Now weld the lower windshield brackets to the 300107-2 tubes. Now to fold the windshield down simply remove the top 2 bolts in the bracket and the bolts in the upper windshield bracket.



STEP 17

Once everything is tack welded drill the remaining holes for the foot plate that was just installed. Install backing plate and hardware.

STEP 19

Once you are sure that all parts are in the correct location you may completely weld the cage, making sure to cover any portions of the vehicle that may be damaged by weld spatter.